CLAIMS

I claim:

1	1. A printing unit cylinder for a rotary printing machine, comprising a body
2	made of a metallic material having a linear coefficient of expansion of about α
3	$< 5 \times 10^{-6} \mathrm{K^{-1}}$ in a temperature range of from about 20° to about 60°.
1	2. A printing unit cylinder for a rotary printing machine according to claim
2	1, wherein said metallic material has a linear coefficient of expansion of about $\alpha < 1.5 \times 10^{-6}$
3	K ⁻¹ in a temperature range of from about 20° to about 60°.
1	3. The printing unit cylinder as claimed in claim 1, wherein said metallic
2	material is an iron alloy having about 30% to about 40% nickel by weight.
1	4. The printing unit cylinder as claimed in claim 3, wherein said metallic
2	material is an iron alloy having about 36% nickel by weight.
1	5. The printing unit cylinder according to claim 1, wherein the entire
2	cylinder is made of said metallic material.
1	6. The printing unit cylinder according to claim 2, wherein the entire
2	cylinder is made of said iron alloy.
1	7. The printing unit cylinder according to claim 3, wherein the entire
2	cylinder is made of said iron alloy

- 1 8. The printing unit cylinder according to claim 4, wherein the entire 2 cylinder is made of said iron alloy.
- 9. The printing unit cylinder according to claim 1, wherein the body is made of a barrel as a central piece and two journals on either side of the barrel and only the barrel of said cylinder is made of said metallic material.
- 1 10. The printing unit cylinder according to claim 2, wherein the body is 2 made of a barrel as a central piece and two journals on either side of the barrel and only the 3 barrel of said cylinder is made of said metallic material.
- 1 11. The printing unit cylinder according to claim 3, wherein the body is 2 made of a barrel as a central piece and two journals on either side of the barrel and only the 3 barrel of said cylinder is made of said metallic material.
- 1 12. The printing unit cylinder according to claim 4, wherein the body is 2 made of a barrel as a central piece and two journals on either side of the barrel and only the 3 barrel of said cylinder is made of said metallic material.